

In the Claims

Claims 1-4 (Canceled).

5 (New). A motor having a simplified loading device, comprising:

a stator;

a rotor;

a motor casing comprising said stator and rotor;

a motor shaft provided protrusively from said motor casing, said motor shaft supporting said rotor;

a housing formed of a non-magnetic material, the housing assembled to said motor casing so as to cover said motor shaft provided protrusively from said motor casing;

a first annular disc arranged so that one side face thereof is in contact with an inside wall surface of said housing, said disc holding one side of the permanent magnet on the other side, and said motor shaft being held on the axis of said disc;

a second annular disc holding the other side of said permanent magnet, and said motor shaft being held on the axis of said disc;

a magnetic fluid provided between said motor shaft and the inner peripheral faces of said first and second discs.